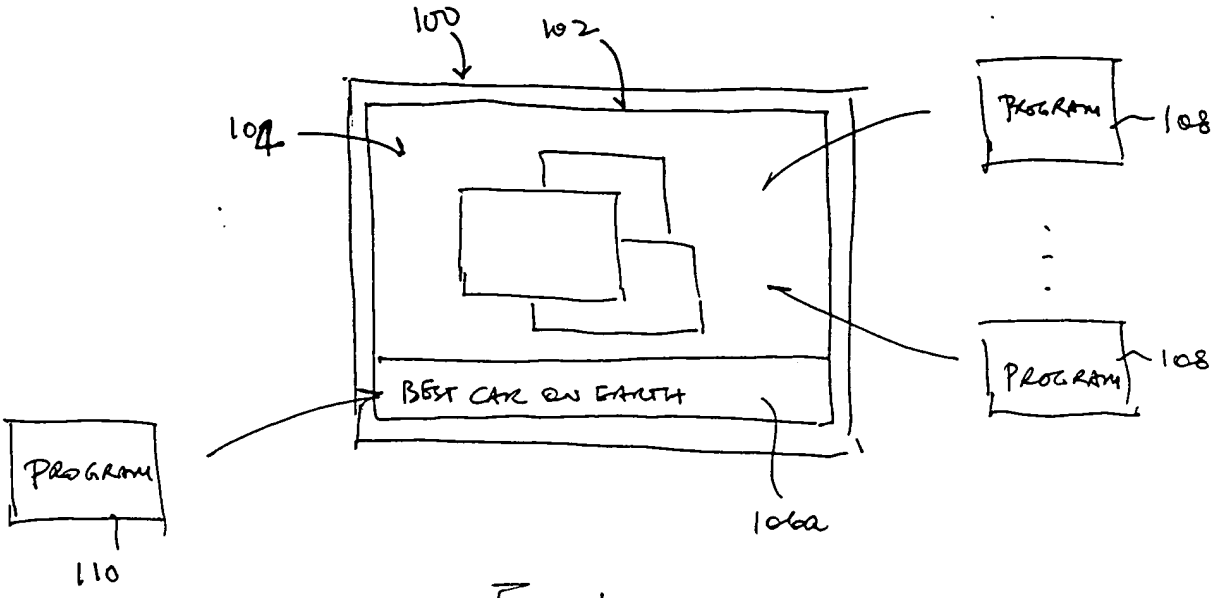


Fig. 1a

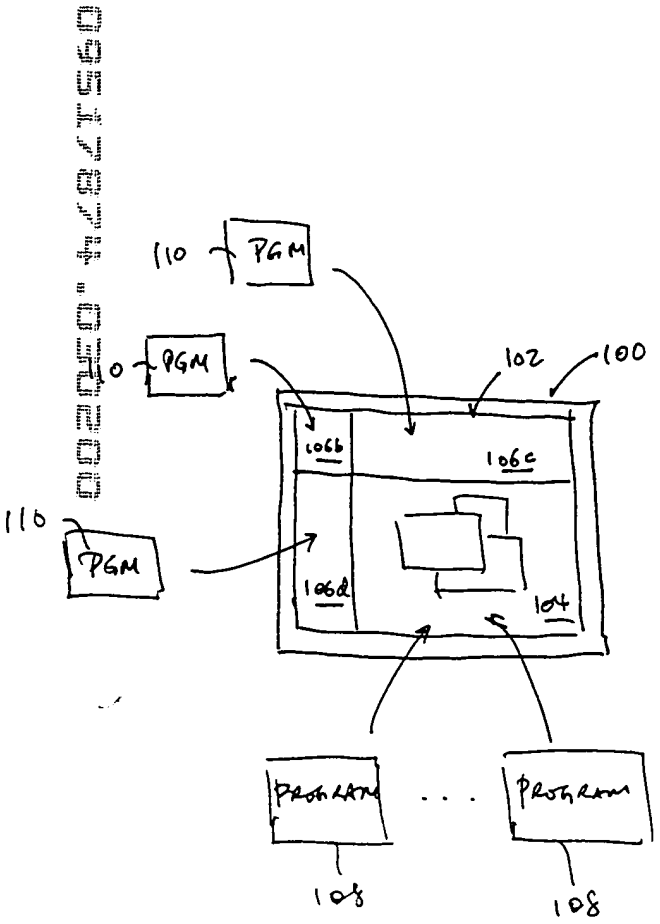


Fig. 1b

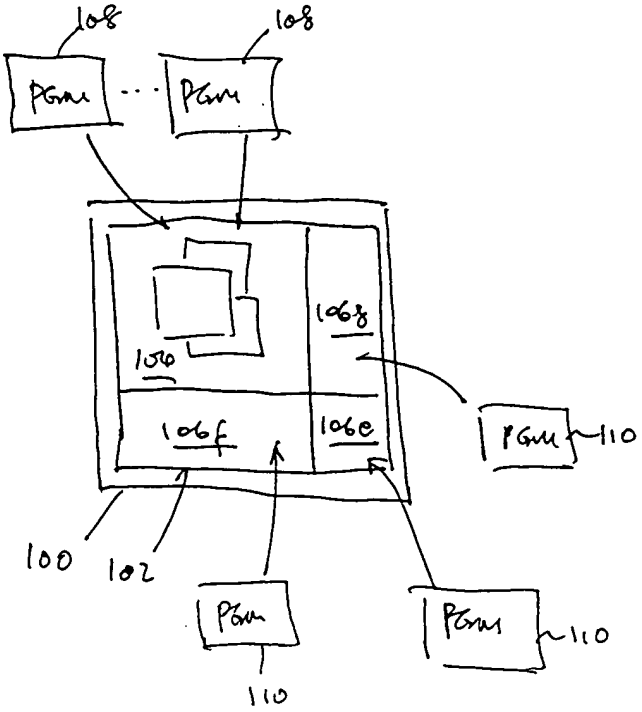


Fig. 1c

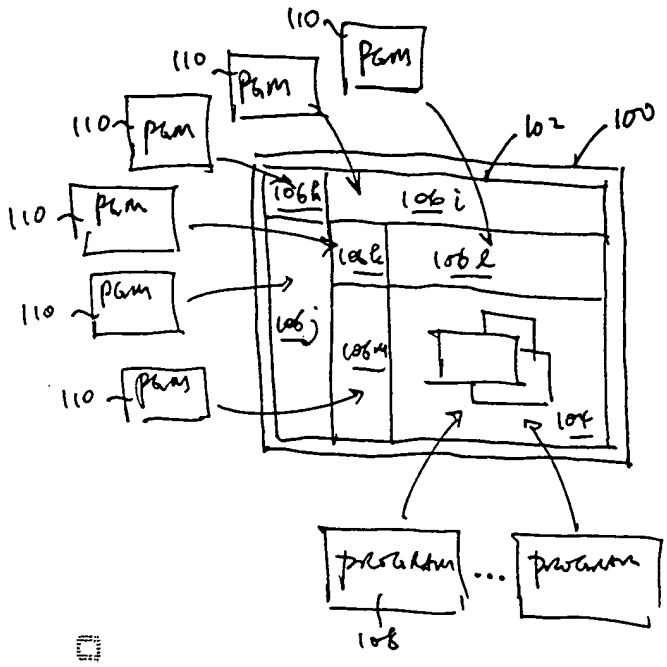


Fig 1d

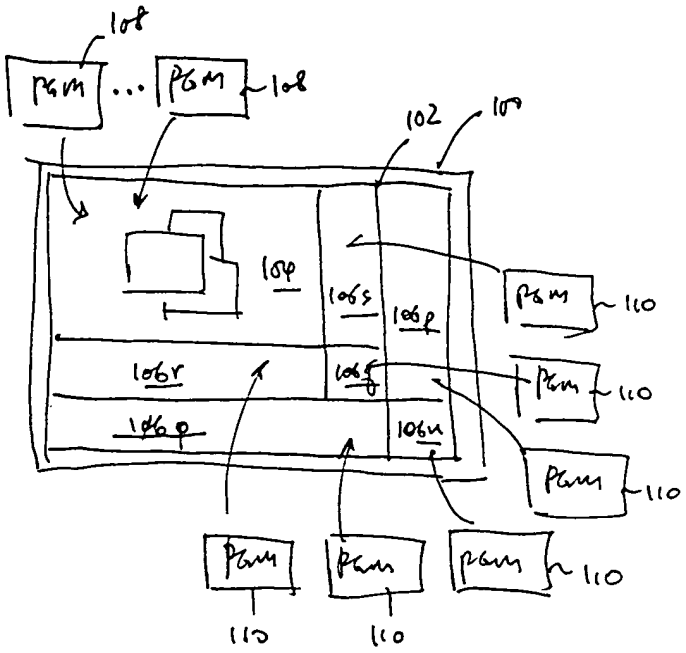


Fig 1e

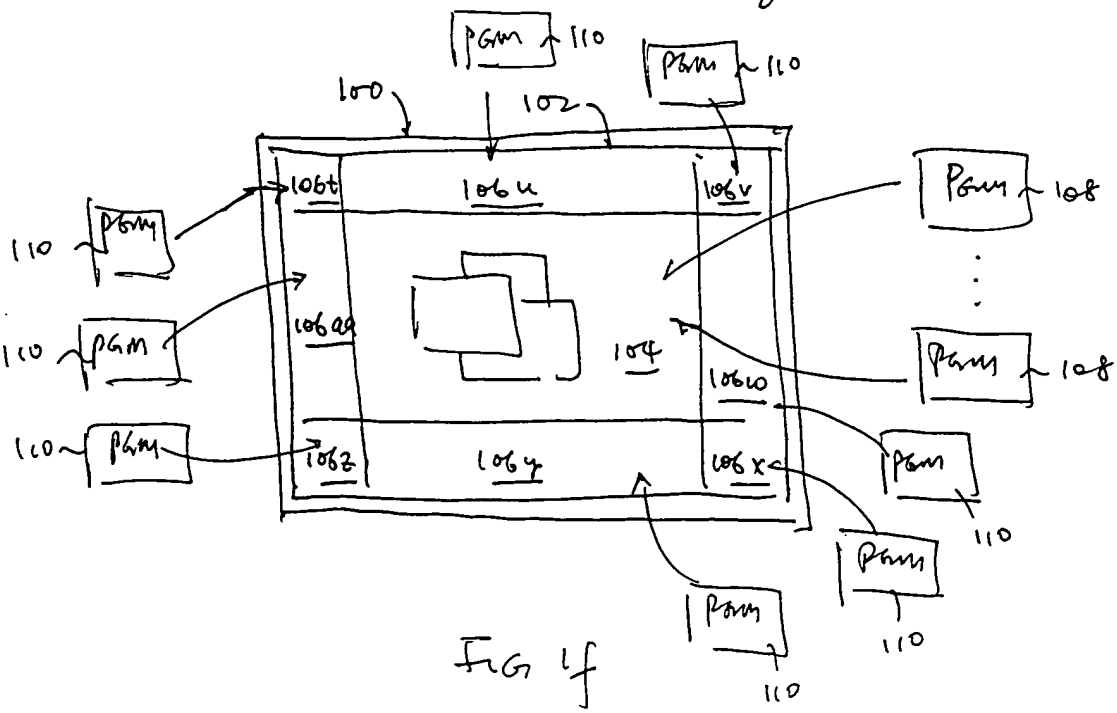


Fig 1f

0020604.4261560

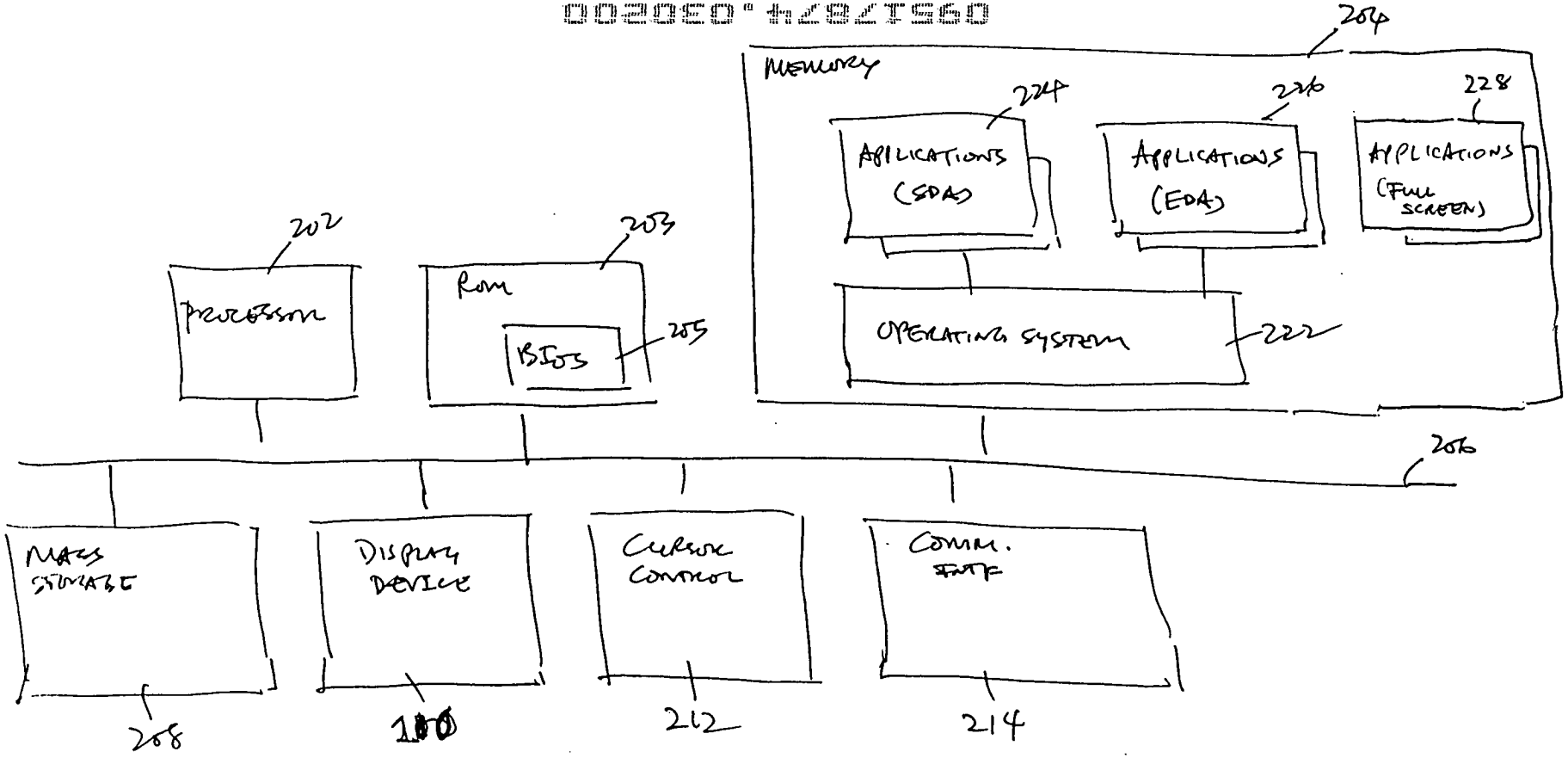


Fig. 2

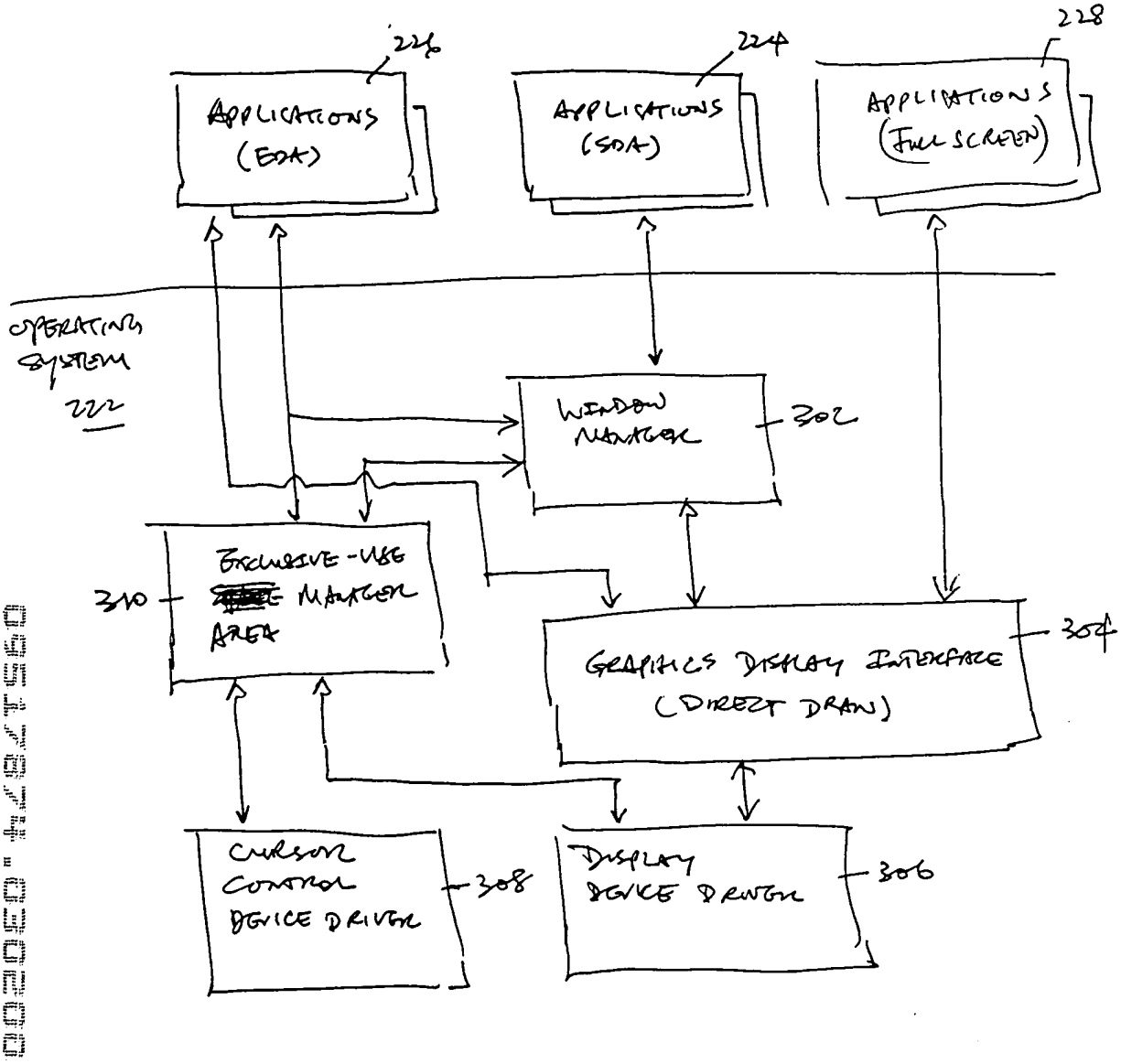
226
APPLICATIONS (EDA)
224
APPLICATIONS (SDA)
228
APPLICATIONS (FULL SCREEN)
OPERATING SYSTEM 222
WINDOW MANAGER
302
EXCLUSIVE-USE MANAGER AREA
310
GRAPHICS DISPLAY INTERFACE (DIRECT DRAW)
304
CURSOR CONTROL DEVICE DRIVER
308
DISPLAY DEVICE DRIVER
306

Fig. 3

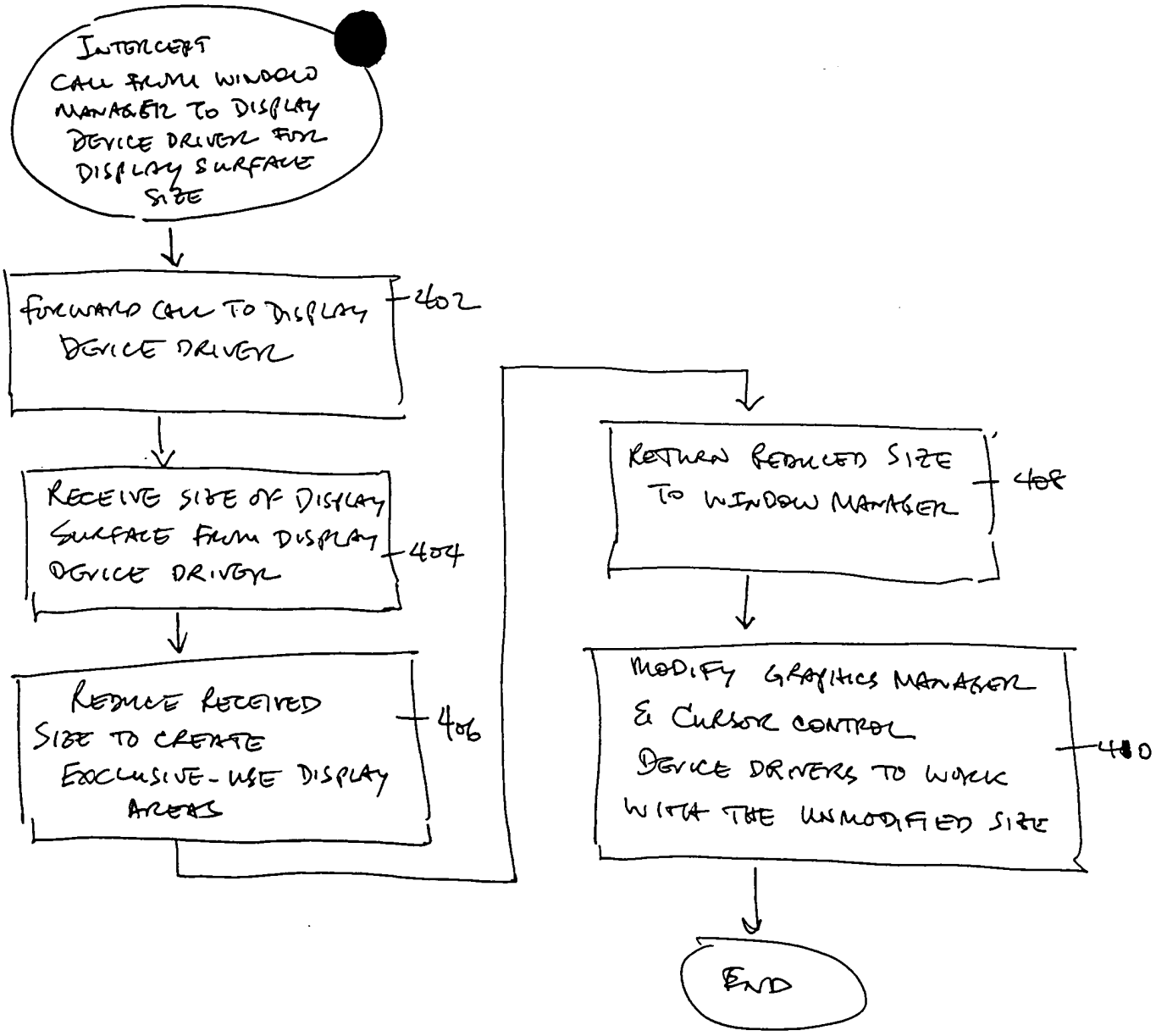
INTERCEPT CALL FROM WINDOW MANAGER TO DISPLAY DEVICE DRIVER FOR DISPLAY SURFACE SIZE
FORWARD CALL TO DISPLAY DEVICE DRIVER
402
RECEIVE SIZE OF DISPLAY SURFACE FROM DISPLAY DEVICE DRIVER
404
REDUCE RECEIVED SIZE TO CREATE EXCLUSIVE-USE DISPLAY AREAS
406
RETURN REDUCED SIZE TO WINDOW MANAGER
408
MODIFY GRAPHICS MANAGER & CURSOR CONTROL DEVICE DRIVERS TO WORK WITH THE UNMODIFIED SIZE
410
END

FIG. 4a

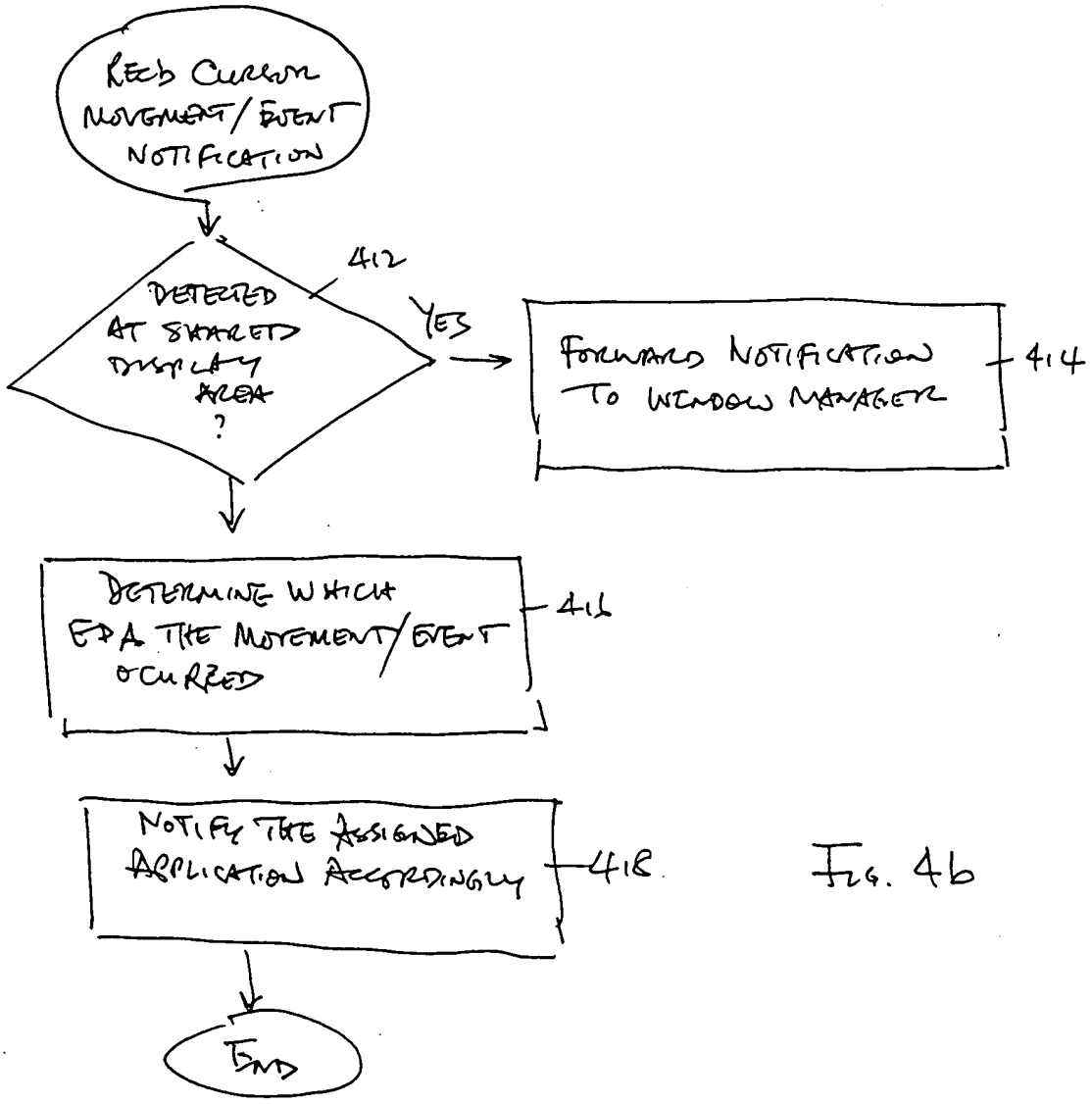


Fig. 4b

Docket No. 9050.0060

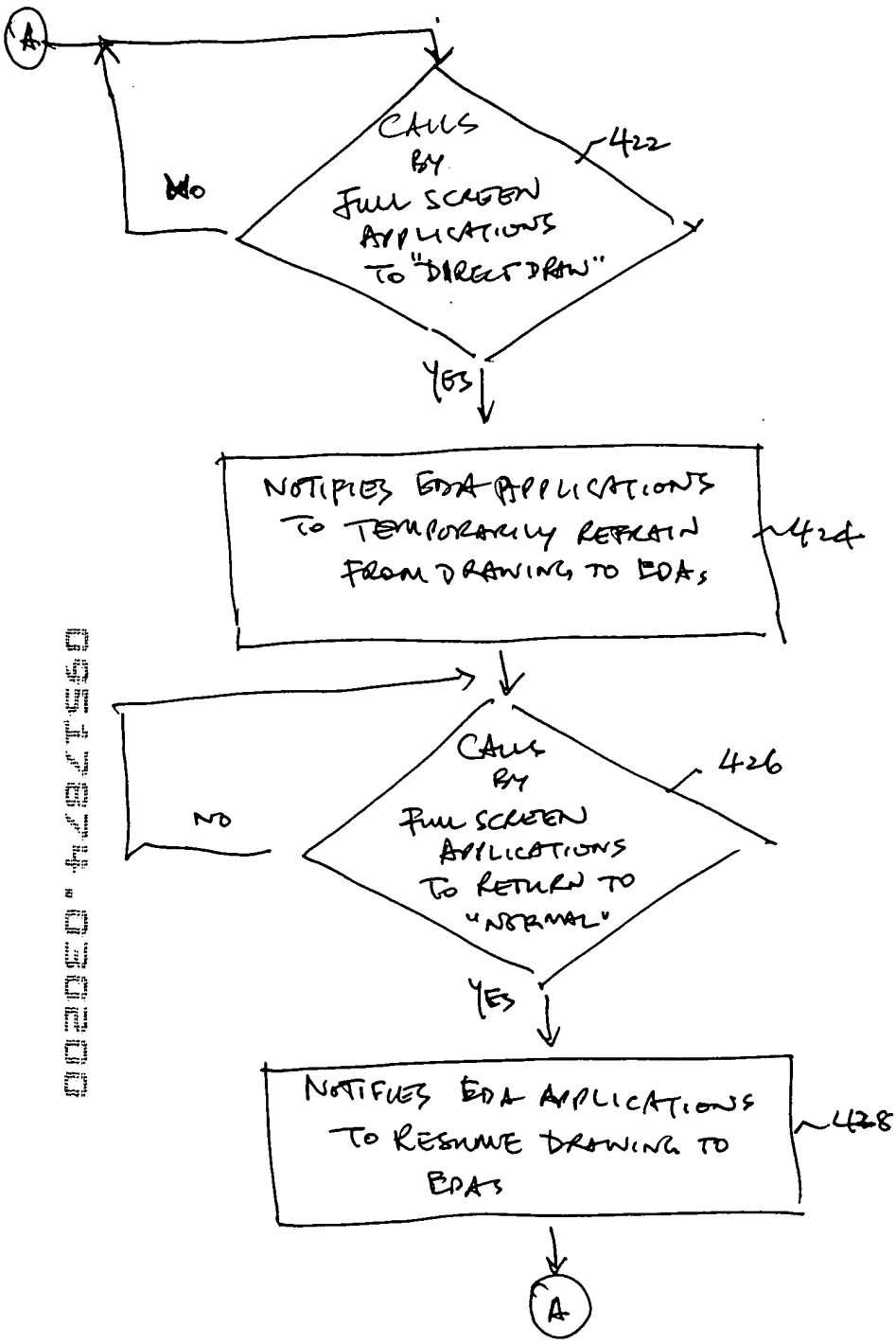
A
CALLS BY FULL SCREEN APPLICATIONS TO "DIRECT DRAW"
422
NO
YES
NOTIFIES EDA APPLICATIONS TO TEMPORARILY REFRAIN FROM DRAWING TO EDAs
424
CALLS BY FULL SCREEN APPLICATIONS TO RETURN TO "NORMAL"
426
NO
YES
NOTIFIES EDA APPLICATIONS TO RESUME DRAWING TO EDAs
428
A

Fig. 4C

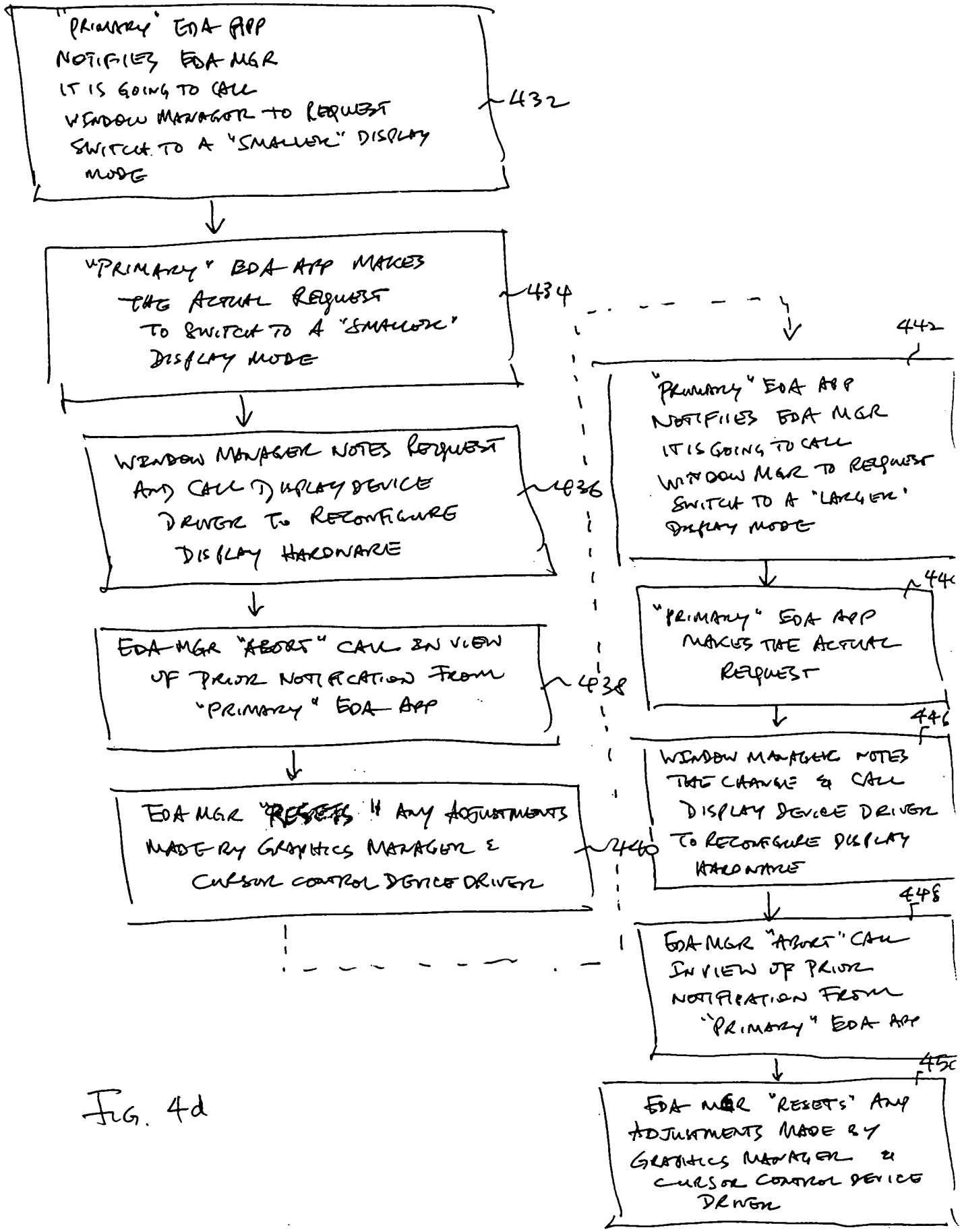
"PRIMARY" EDA APP NOTIFIES EDA MGR IT IS GOING TO CALL WINDOW MANAGER TO REQUEST SWITCH TO A "SMALLER" DISPLAY MODE
432
"PRIMARY" EDA APP MAKES THE ACTUAL REQUEST TO SWITCH TO A "SMALLER" DISPLAY MODE
434
WINDOW MANAGER NOTES REQUEST AND CALLS DISPLAY DEVICE DRIVER TO RECONFIGURE DISPLAY HARDWARE
436
EDA MGR "ABORT" CALL IN VIEW OF PRIOR NOTIFICATION FROM "PRIMARY" EDA APP
438
EDA MGR "RESETS" ANY ADJUSTMENTS MADE BY GRAPHICS MANAGER & CURSOR CONTROL DEVICE DRIVER
440
442
"PRIMARY" EDA APP NOTIFIES EDA MGR IT IS GOING TO CALL WINDOW MGR TO REQUEST SWITCH TO A "LARGER" DISPLAY MODE
444
"PRIMARY" EDA APP MAKES THE ACTUAL REQUEST
446
WINDOW MANAGER NOTES THE CHANGE & CALLS DISPLAY DEVICE DRIVER TO RECONFIGURE DISPLAY HARDWARE
448
EDA MGR "ABORT" CALL IN VIEW OF PRIOR NOTIFICATION FROM "PRIMARY" EDA APP
450
EDA MGR "RESETS" ANY ADJUSTMENTS MADE BY GRAPHICS MANAGER & CURSOR CONTROL DEVICE DRIVER

Fig. 4d

0954-0704-0960

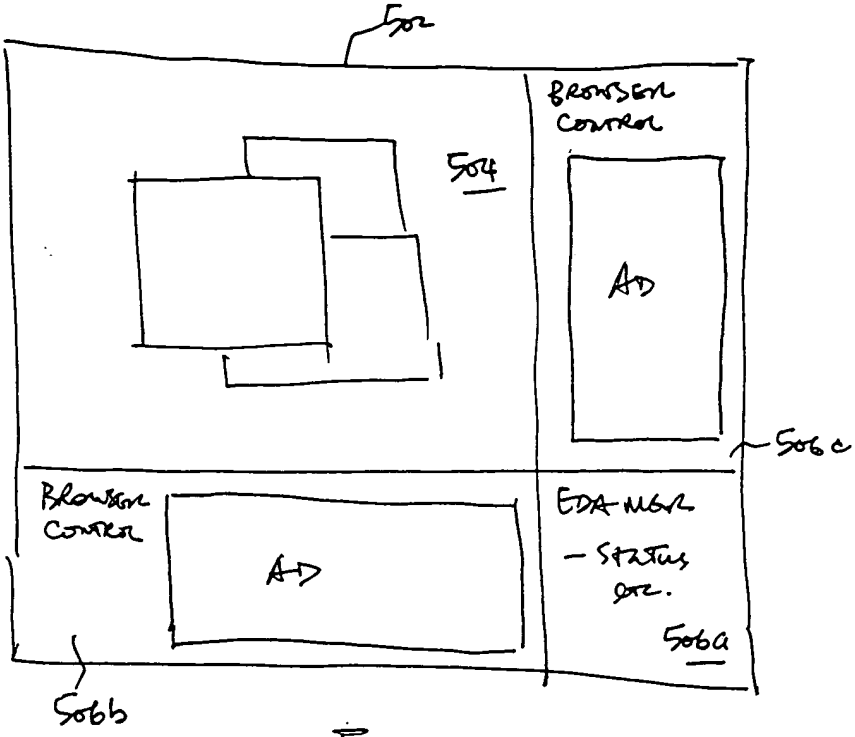


FIG. 5

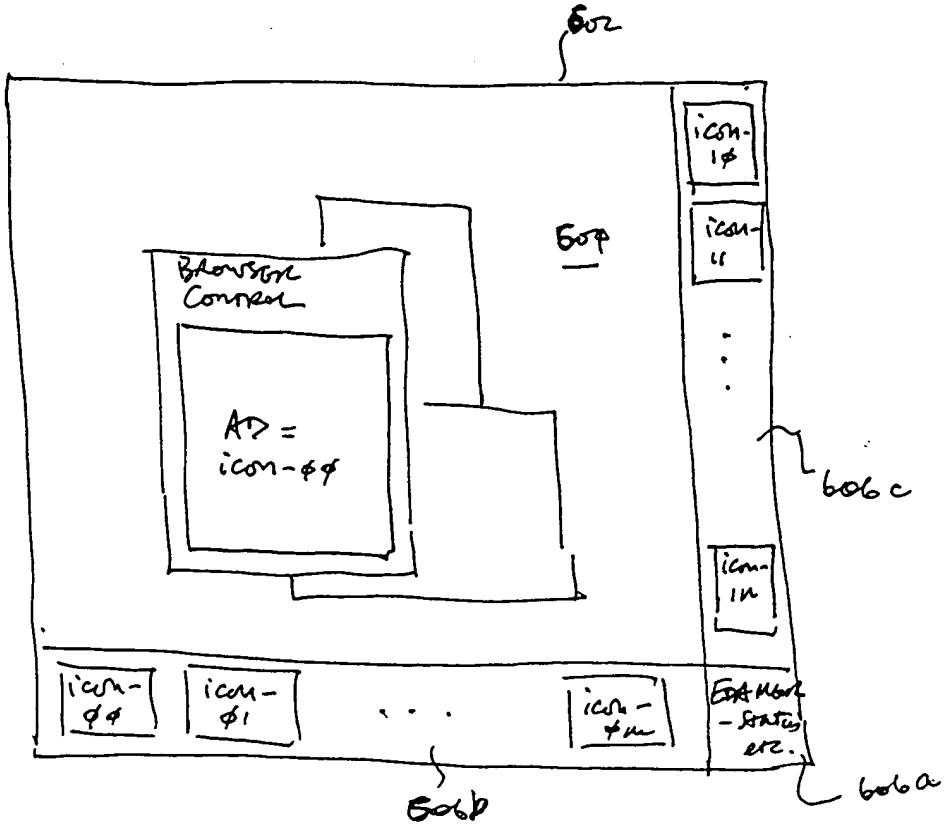


FIG. 6

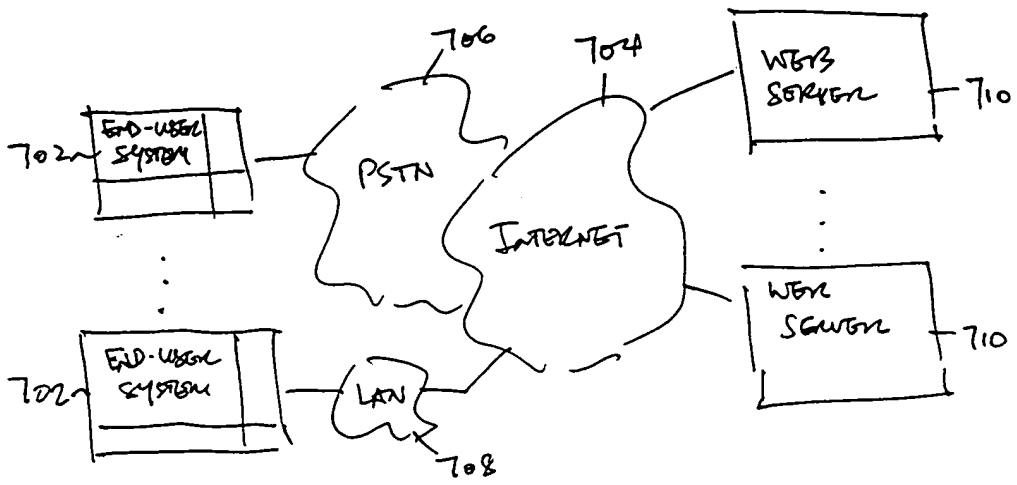
706
704
WEB SERVER
710
END-USER SYSTEM
702
PSTN
INTERNET
WEB SERVER
710
END-USER SYSTEM
702
LAN
708

FIG. 7

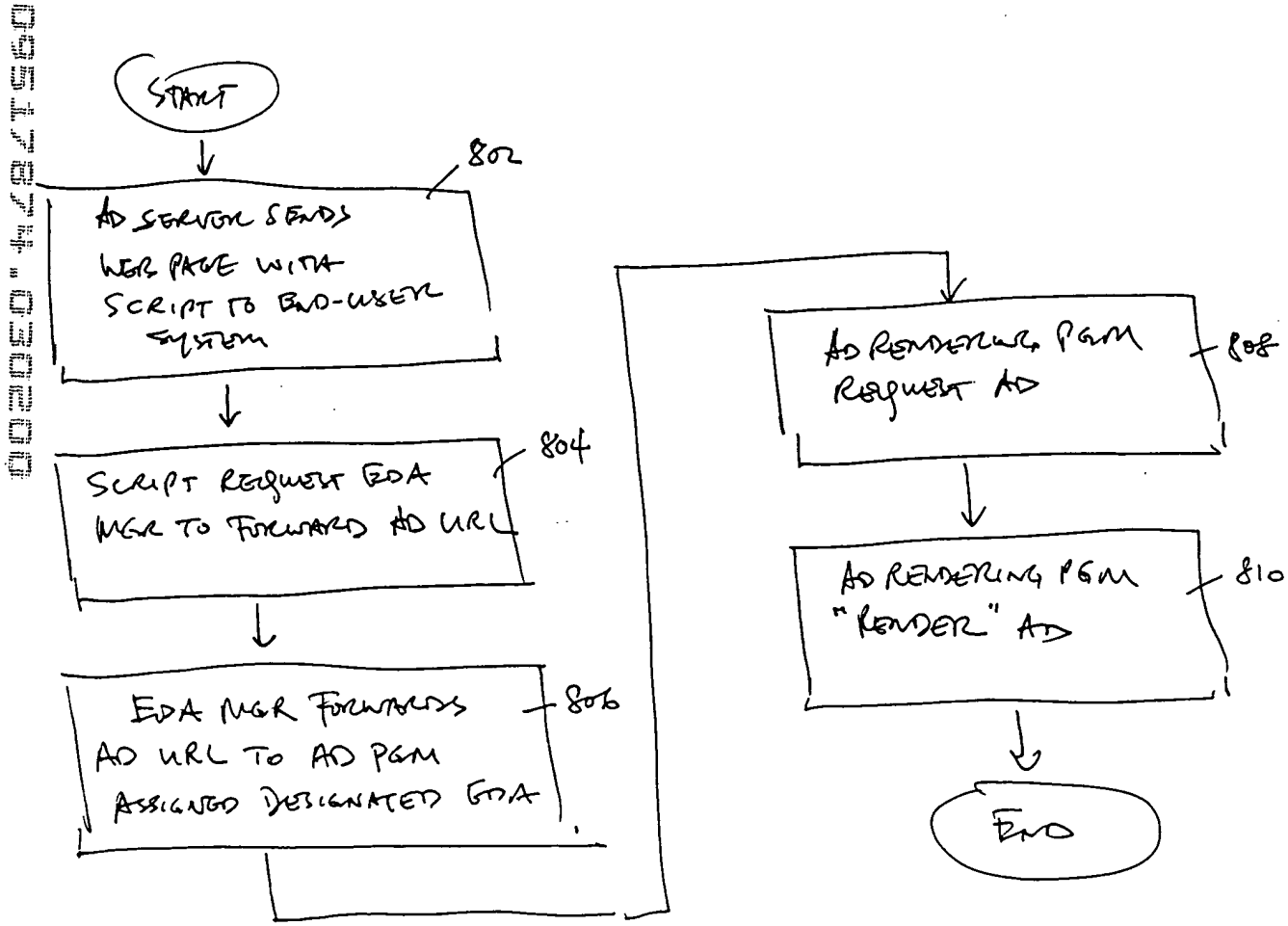
START
AD SERVER SENDS WEB PAGE WITH SCRIPT TO END-USER SYSTEM
802
SCRIPT REQUEST EDA MGR TO FORWARD AD URL
804
EDA MGR FORWARDS AD URL TO AD PGM ASSIGNED DESIGNATED EDA
806
AD RENDERING PGM REQUEST AD
808
AD RENDERING PGM "RENDER" AD
810
END

FIG. 8